Handout #3 Bundle Compatibility

Conservation Element Bundle Compatibility Table

Note: The following table provides pair-wise compatibility comparisons of conservation element bundles. The table indicates which bundles can and cannot be used in combination with others. The table provides information for building the short list of conservation strategy alternatives. Compatibility scores are based on the contribution to conservation of covered fish species and not based on performance of the covered activities. A gray box indicates that pairs of conservation element bundles would only be implemented exclusive of each other. Signs indicate whether pairs: would detract from each other's performance to conserve covered fish species (-), would be compatible and not influence each other's performance to conserve covered fish species (-).

Conservation Element Bundles	1. Real-time operations	2. Reduce demand/ diversions	3. Export opportunistically	4. South Delta Aqueduct	5. Isolated facility	6. Bifurcated SDA	7. Dual conveyance	8. San Joaquin River Corridor Isolated	9. Minimize entrainment at SWP/CVP	10. Minimize entrainment at non-SWP/CVP	11. Improve habitat to reduce predation	12. Isolate gravel pits	13. Install screens on upstream diversions	14. Operate DCC to improve passage	15. Open DCC & install screens	16. Re-operate upstream storage facilities	17. Improve/create bypass/ floodway habitat	18. Restore physical habitat (North, East, West Delta)	19. Restore physical habitat (Central Delta)	20. Restore physical habitat (South Delta)	21. Restore Suisun Marsh	22. Restore/access to upstream habitat	23. Reduce sources of toxics	24. Reduce harvest	25. Control non-native species	26. Regulatory compliance and regulations	27.Improve hatchery practices
1. Real-time operations		+	О	+	О	+	+	O	0	О	0	0	О	О	0	О	О	О	0	О	O	О	0	0	О	О	o
2. Reduce demand/diversions			+	+	О	+	+	+	0	0	О	0	0	О	0	+	+	О	0	О	O	О	0	O	О	О	О
3. Export opportunistically				+	О	+	+	+	o	0	0	0	0	О	О	+	+	0	0	o	O	О	O	o	О	О	o
4. South Delta Aqueduct									o	o	O	0	o	+	О	+	+	+	+	o	O	О	O	o	О	О	o
5. Isolated facility										0	0	0	O			+	+	+	+	+	O	О	O	o	О	О	o
6. Bifurcated SDA									o	0	0	0	0	+	0	+	+	+	О	О	O	О	O	О	О	О	o
7. Dual conveyance								+	0	0	О	О	0	+	0	О	О	+	О	О	О	О	0	О	О	О	О
8. San Joaquin River Corridor Isolated									0	0	О	О	0	О	0	О	О	0	О	О	O	О	0	О	О	О	О
9. Minimize entrainment at SWP/CVP										O	О	O	0	О	0	О	О	0	0	o	O	О	O	O	О	О	О
10. Minimize entrainment at non-SWP/CVP											О	О	О	О	0	О	О	О	O	o	O	О	O	О	О	О	О
11. Improve habitat to reduce predation												О	О	О	0	О	О	О	O	О	О	О	0	О	О	О	О
12. Isolate gravel pits													О	О	0	О	О	О	O	О	О	О	0	О	О	О	О
13. Install screens on upstream diversions														О	О	О	О	0	O	О	О	О	0	О	О	О	О
14. Operate DCC to improve passage																0	О	О	0	О	О	О	О	О	О	О	О
15. Open DCC & install screens	(4									_		О	О	О	0	О	О	О	0	О	О	О	О
16. Re-operate upstream storage facilities																	+	+	+	+	O	+	0	О	0	0	О
17. Improve/create bypass/floodway habitat		- 4																О	0	o	O	О	+	o	+	О	o
18. Restore habitat (North, East, West Delta)																			0	О	O	О	+	0	+	О	О
19. Restore physical habitat (Central Delta)																				О	O	О	+	О	+	О	О
20. Restore physical habitat (South Delta)						4117															0	О	+	О	+	О	О
21. Restore Suisun Marsh					\mathbb{A}_{4}																	О	+	O	+	О	О
22. Restore/access to upstream habitat						P																	+	o	+	О	О
23. Reduce sources of toxics					All lan																			О	О	О	О
24. Reduce harvest of covered species																									О	О	О
25. Control non-native species																										О	О
26. Regulatory compliance and regulations																											О
27.Improve hatchery practices																											